

S/032/61/027/012/003/015  
B119/B147

AUTHORS: Sokolova, E. I., and Gurovich, A. N.

TITLE: Phase analysis of some germanium compounds

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 12, 1961, 1472 - 1473

TEXT: A method for the phase analysis of  $\text{GeS-GeS}_2\text{-GeO}_2$  mixtures was developed. The mixtures were synthesized from spectroscopically pure  $\text{GeO}_2$ ,  $\text{GeS}$  (synthesized by passing  $\text{H}_2\text{S}$  over metallic, powdered germanium at  $800 - 850^\circ\text{C}$ ), and  $\text{GeS}_2$  precipitated from 6N sulfuric acid solution by  $\text{H}_2\text{S}$ . Separation of  $\text{GeS}$  from  $\text{GeS}_2$  and  $\text{GeO}_2$  is possible since  $\text{GeS}$  does not dissolve in water.  $\text{GeS}_2$  is dissolved in water under liberation of  $\text{H}_2\text{S}$  while  $\text{GeS}$  precipitates. Apparatus: A 50 milliliter Wurtz flask to which three series-connected washing bottles are attached. The weighed sample is treated with water in the flask. The separating  $\text{H}_2\text{S}$  is collected by

✓

Card 1/2

GUROVICH, N.A.; SOKOLOVA, E.I.

Interaction of germanium dioxide and hydrogen sulfide. Trudy  
Inst. met. no. 12:90-94 '63. (MIRA 16:6)

(Germanium oxide)  
(Hydrogen sulfide)

GUROVICH, N.A.; SOKOLOVA, E.I.

Interaction between germanium dioxide and elementary sulfur  
and pyrite. Zhur. neorg. khim. 9 no.7:1534-1536 M 144

Oxidation of germanium disulfide. Ibid.:1537-1541

(MIRA 17:9)

CHUMACHENKO, N.V.; SOKOLOVA, E.M.

Change in the correlation of protein fractions in the blood serum  
of immunized animals under the influence of antibiotics, Antibiotiki  
7 no.1:41-43 Ja '62. (MIRA 15:2)

1. Otdel eksperimental'noy khimioterapii (zav. - prof. A.M.Chernukh)  
Instituta farmakologii i khimioterapii AMN SSSR.  
(BLOOD PROTEINS) (ANTIBIOTICS)  
(IMMUNITY)

CHUMACHENKO, N.V.; SOKOLOVA, E.M.

Role of intervals between the administration of antigens and antibiotics in the development of immunity. Antibiotiki 5 no.6: 83-86 N-D '60. (MIRA 14:3)

1. Otdel eksperimental'noy khimioterapii (zav. - prof. A.M.Chernukh)  
Instituta farmakologii i khimioterapii AMN SSSR.  
(ANTIBIOTICS) (ANTIGENS AND ANTIBODIES)

SOLOV'YEV, V.N.; SOKOLOVA, E.M.

Dynamics of the antimicrobial effect of tetracycline [with summary  
in English]. Antibiotiki 3 no.6:80-85 N-D '58. (MIRA 12:2)

1. Otdel khimioterapii (zav. - doktor med.nauk A.M. Chernykh) Insti-  
tuta farmakologii i khimioterapii AMN SSSR.

(TETRACYCLINE, effects,  
antimicrobial (Rus))

SOLOV'YEV, V.N.; SOKOLOVA, E.M.

Weakening of antibacterial activity of tetracycline in suppurative inflammatory exudate. Antibiotiki 5 no.2:35-41 Mr-Apr '60.

(MIRA 14:5)

1. Otdel eksperimental'noy terapii (zav. - prof. A.M.Chernukh)

Instituta farmakologii i khimioterapii AMN SSSR.

(TETRACYCLINE)

(INFLAMMATION)

SOKOV'YEV, V.N.; SOKOLOVA, E.M. (Moskva)

Effect of local administration of corticosteroids on the course of focal purulent infection and the therapeutic effect of antibiotics. Pat. fiziol. i eksp. terap. 5 no.2:39-45 Mr-Ap '61. (MIRA 14:5)

1. Iz otdela eksperimental'noy khimiogerapii (zav. - prof. A.M. Chernukh) Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V.Zakusov) AMN SSSR.

(INFECTION)

(CORTISONE)

(ANTIBIOTICS)

(KLEBSIELLA PNEUMONIAE)



CHURASHAC, N.V.; SOKOLOVA, E.M.

Effect of penicillin on the production of agglutinins by a spleen  
tissue culture. Antibiotiki 7 no.2:162-168 F '67. (MLA 15:2)

1. Otdel eksperimental'noy khimioterapii (zav. - prof. A.M.Chernukh)  
Instituta farmakologii i khimioterapii.  
(TISSUE CULTURE) (PENICILLIN) (AGGLUTININS)

CHUMACHENKO, N.V.; SOKOLOVA, E.M.

Antibody production by the spleen in vitro in the presence of antibiotics. Zhur.mikrobiol., epid.i immun. 33 no.8:57-59 Ag '62.  
(MIRA 15:10)

1. Iz Instituta farmakilogii i khimioterapii AMN SSSR.  
(SPLEEN) (ANTIBIOTICS) (ANTIGENS AND ANTIBODIES)

CHUMACHEIKO, N.V.; SOKOLOVA, E.M.

Formation of antibodies by a spleen transplant under the influence of antibiotics. Antibiotiki 8 no.7:601-604 J1'63  
(MIRA 17:3)

1. Otdel khimioterapii (zav. -- prof. A.M. Chernukh) Instituta farmakologii i khimioterapii AMN SSSR.

CHUDACHENKO, N.V.; KOKOLOVA, E.M.

Effect of bicillin on bactericidal factors of antiseptic  
exudates of white rats. Antibiotiki 9 no.9:832-836 S '64.

(MIRA 19:1)

1. Laboratoriya mikrobiologii otдела khimioterapii (zav. -  
prof. A.M. Chernukh) Instituta farmakologii i khimioterapii  
AMN SSSR, Moskva.

V.I.; I.B.; V.S.: BILYN', L.R.; GEBACHENKO, N.V.;  
DOLVA, E.M.; KUT'KO, L.G.; GUSEV, B.P.

antibacterial activity of the synthetic derivatives of capillens  
(*capillens*) and capillin. Mikrobiol. 10 no.2415-199 F '65.  
(MIR: 18:5)

1. Nikolai Khramov (zav. - prof. A.M. Chernikh) Institut  
mikrobiologii i zhizn' formy AN SSSR i laboratorii tockogo  
i radioaktivnogo sinteza (zav. - prof. V.F. Kucherov) Institut  
radiochemicheskoy fiziki AN SSSR, Moskva.

SOLOV'YEV, V.N.; CHUMACHENKO, N.V.; SOKOLOVA, E.M.

Study of the nature of the basic bactericidal factors of purulent  
aseptic exudate in white rats. Zhur.mikrobiol., epid. i immun. 42  
no.4:142-146 Ap '65. (MIRA 18:5)

1. Institut farmakologii i khimioterapii AMN SSSR.

SOKOLOVA, F., inzh.

Comparative microscope. Ratsionalizatsiia 14 no. 1: 16  
'64.

BRIN, Fedor Vasil'yevich; SOKOLOVA, G., red.; LEVINA, L.G.,  
tekhn. red.

[Artificial insemination of sheep] Iskusstvennoe osemenenie  
ovets. Moskva, Izd-vo M-va sel'khoz.SFSR, 1962. 106 p.  
(MIRA 16:11)

(Artificial insemination) (Sheep breeding)



MARKOVA, Margarita Vladimirovna, kand. sel'khoz. nauk; SOKOLOVA, G.,  
red.; YAKOVLEVA, Ye., tekhn. red.

[Practical application of economic evaluation of land] O  
prakticheskom primenenii ekonomicheskoi otsenki zemli. Mo-  
skva, Msok. rabochii, 1963. 57 p. (MIRA 16:10)  
(Moscow Province--Land classification)

GAVRILOV, Nikolay Ivanovich; SOKOLOVA, G., red.; SHLYK, M.,  
tekhn. red.

[Using solar energy in greenhouses] Ispol'zovanie solnechnoi  
energii v zashchishchennom grunte. Moskva, Mosk. rabochii,  
1963. 147 p. (MIRA 17:2)

SOKOLOVA, G., red.

[Agronomist and abundance] Agronom i izobilie. Moskva,  
Mosk. rabochii, 1964. 67 p. (MIRA 18:2)



GROMOV, Andrey Nikolayevich; SOKOLOVA, G., red.

[Gladiolus] Gladiolusy. Moskva, Mosk. rabochii, 1965.  
66 p. (MIRA 18:12)

1

KOCHETOV, Stanislav Petrovich, kand. ser'khiz. nauk; SOKOLOVA, G.,  
red.

[Frost injury to fruit plantations and the struggle for  
large crops] Podmerzanie plodovykh nasazhdenii i bor'ba  
za vysokii urozhai. Moskva, Mosk. rabochii, 1966. 69 p.  
(MIRA 18:10)

BLINCHEVSKIY, M.Z.; FILATOV, N.A., zasl. agronom RSFSR, retsenzent;  
EDEL'SHTEYN, V.I., akademik, red. [deceased]; SOKOLOVA, G.,  
red.

[Manual on the growing of vegetables under glass] Spravoch-  
nik po ovoshchevodstvu zashchishchennogo grunta. Moskva,  
Mosk. rabochii, 1965. 243 p. (MIRA 18:12)

Sokolova, G.A.

Determination of propylene in ethylene. A. V. Sokolova,  
Z. I. Matveeva, and G. A. Sokolova. U.S.S.R. 105,545;  
May 25, 1957.  $C_2H_4$  is passed through  $H_2SO_4$ . The  
change in color indicates the amt. of  $C_2H_4$ . The scale for  
detg. color changes is made from  $K_2Cr_2O_7$  solns. M. Haseh

5  
1-4E4j  
1-4E2C(j)  
2 moly  
Rm



SOKOLOVA, G.A.

Calculations for plates and shells with trapezoidal or triangular contour subject to finite flexures. Izv. vuz.uch.zav.; stroi. i arkhitekt. 5 no.4:61-69 '62. (MIRA 15:9)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni inzhenerno-stroitel'nyy institut imeni V.V. Kuybysheva.  
(Elastic plates and shells)

DEKSBACH, N.K.; SOKOLOVA, G.A.

Biology of *Hydra oligastis* (Pall.). Nauch. dokl. vys. shkoly; biol.  
nauki no.3:11-12 '63. (MIRA 16:9)

1. Rekomendovana kafedroy zoologii Sverdlovskogo  
sel'skokhozyaystvennogo instituta.  
(Hydrozoa)

F-1

USSR/Microbiology - General Microbiology.

Abs Jour : Ref Zhur - Biol., No 12, 1953, 52740

Author : Sokolova, G.A., Sorokin, Yu.I.

Inst :

Title : Bacterial Reduction of Sulfates in Muds of the Rybinsk Reservoir.

Orig Pub : Mikrobiologiya, 1957, 26, No 2, 194-201

Abstract : Despite the fact that the water of the Rybinsk reservoir contains little sulfate (20-40 mg/l), its silts yield numerous sulfate-reducing bacteria (SB) on a synthetic medium with  $\text{Na}_2\text{SO}_4$ ,  $\text{MgSO}_4$ ,  $\text{FeSO}_4$ , calcium lactate and 0.8% agar. Activity of SB which reduce sulfates by hydrogen was judged by  $\text{H}_2\text{S}$  formation in test tubes with a medium of the following composition (g/l):  $\text{K}_2\text{HPO}_4$ -5,  $\text{NaH}_2\text{PO}_4$ -3,  $\text{Na}_2\text{SO}_4$ -4,  $(\text{NH}_4)_2\text{SO}_4$ -2,  $\text{MgSO}_4$ -0.1, tap water 50 ml, distilled water 1. After introducing silt, test tubes of a smaller diameter were placed in them (upside down),

Card 1/2

USSR/Microbiology - General Microbiology.

F-1

Abs Jour : Ref Zhur - Biol., No 12, 1958, 52740

which were filled with  $H_2$  and a solution of  $Na_2S$  at a concentration of 10 mg/l  $H_2S$  and 1 mg/l  $FeSO_4$ . An apparatus is described for determining  $H_2S$  in these cultures. The speed of sulfate reduction containing  $S^{35}$  while introduced into silt was determined. In the silt of the reservoir an intense reduction of sulfates was found. In this case in the silt's surface layers up to 0.23-0.28 mg/l of  $H_2S$  forms during 24 hours. Addition of lactose or glucose to the silt speeds this process 3 to 4 times. In the silts of Lake Bely with a sufficient quantity of sulfates this process practically does not exist, which can be explained by the lack of an easily assimilable organic substance in the silt and by strong disturbance of the silt during storms. -- A.S. Razumov

Card 2/2

- 16 -

AUTHORS:

*Trubnikov, G. A.*  
Sokolova, G. A., Sorokin, Yu. I.

20-2-57/60

TITLE:

The Intensity of the Bacterial Reduction of Sulfates in the Bottom-Soils of the Gor'kiy Water Reservoir, as Determined With the Aid of  $S^{35}$  (Opredeleniye intensivnosti bakterial'nogo vosstanovleniya sulfatov v gruntakh Gor'kovskogo vodokhranilishcha s primeneniym  $S^{35}$ ).

PERIODICAL:

Doklady AN SSSR, 1958, Vol. 118, Nr 2, pp. 404-406 (USSR).

ABSTRACT:

By this reduction process a great amount of hydrogen sulfides forms in the waters and considerably influences the life therein. For this sulfates and accessible organic substance must be present and anaerobic conditions must prevail. The distribution of these bacteria was sufficiently thoroughly studies in sulfate-rich waters (oceans, salt lakes, fresh-water basins with inflow of sulfate-water, reference 2). From publications follows that the desulfonating bacteria are little spread in low-sulfate fresh-water lakes and that they are of inferior importance for the formation of  $H_2S$ . In the study of the Rybinsk-reservoir and of the Gor'kiy-reservoir built in 1956 the authors found that in spite of a comparatively small sulfate-content the mud of these young waters contains fairly much  $H_2S$  and that desulfonating bacteria are here to be met with in a considerable amount

Card 1/4

The Intensity of the Bacterial Reduction of Sulfates in the Bottom- 20-2-57/60  
Soils of the Gor'kiy Water Reservoir, as Determined With the aid of  $S^{35}$ .

In the Rybinsk-reservoir the dependence of the  $H_2S$ -content in the mud on the occurrence of desulfonating bacteria was proved.  $H_2S$  forms due to desulfonation (reference 3). The Gor'kiy-reservoir differs by the fact that the freshly sedimented mud of this water being formed is rich in easily assimilizable organic substance. It had to be determined how the process of the sulfate-reduction here takes place and then it had to be compared with the intensity of this process in waters richer in sulfate. For determining this intensity the isotope-method (similar as in reference 4) was employed. A sulfate labelled at the sulfur is added to the mud. In the course of the bacterial reduction the labelled  $S^{35}$  goes over from the sulfates into the sulfides. The quantity of  $H_2S$  formed from the sulfates during the test can be calculated by distilling of  $H_2S$  and by determining the  $S^{35}$  in it. The sulfate content in the mud was determined by weight. The desulfonating bacteria were determined by inoculation of the mud (dilution 1 : 1000 and 1 : 4000) on an agar-containing lactate culture medium to which sodium sulfide had previously been added. The total activity (R) was determined by determination of the

Card 2/4

The Intensity of the Bacterial Reduction of Sulfates in the 20-2-57/60  
Bottom-Soils of the Gor'kiy Water Reservoir, as Determined With the aid of  $S^{35}$ .

radioactivity of a certain volume of evaporated liquid. The quantity of  $H_2S$  formed during 24 hours was calculated from the radioactivity of the  $CuS$ -precipitate ( $r$ ) according to the formula:

$$[H_2S] = \frac{K_{SO_4} \cdot r \cdot k}{RT} \text{ mg/l 24 hours,}$$

where  $T$  is the duration of the test,  $k$  - the coefficient of the recalculation of the sulfate sulfur to  $H_2S$ . Thionic bacteria were determined on the culture medium with hypo-sulfite. The results are given in table 1. From them follows that the sulfate reduction takes place very actively. In freshly deposited mud 1, 4 - 0,8 mg/l  $H_2S$  form due to desulfonation. In waters with a higher content of sulfate the desulfonation takes place a dozen times slower (reference 4). The quantity of desulfonating bacteria is different according to seasons and is irregularly distributed in the water. In some places 1.800.000 bacteria per 1 g mud were discovered. Such quantities had hitherto nowhere been found. The quantity of the bacteria alone, however, litt=

Card 3/4

The Intensity of the Bacterial Reduction of Sulfates in the Bottom- Soils of the Gor'kiy Water Reservoir, as Determined With the Aid of S<sup>35</sup>. 20-2-57/60

le indicates an intensity of the process. It did not correspond to the values of the intensity of sulfate reduction in individual places here either. The mud of the Gor'kiy-reservoir contains on the average 50 - 80 mg/l H<sub>2</sub>S. So small amounts may be explained by its diffusion in the mass of water and by the oxidation. It is to assumed that in the water just as in the bottom a continuous regeneration of the sulfates takes place which is caused by the thionic bacteria. It is probable that the accumulation of H<sub>2</sub>S in the mud will unfavorably influence the oxygen-content in winter. There are 1 table and 4 Slavic references.

ASSOCIATION: Institute for Biology of Water Reservoirs AN USSR (Institut biologii vodokhranilishch Akademii nauk SSSR).

PRESENTED: February 19, 1957, by V. N. Shaposhnikov, Academician.

SUBMITTED: February 18, 1957.

AVAILABLE: Library of Congress.

Card 4/4



SOROKIN, Yu.I.; ROZANOVA, Ye.P.; SOKOLOVA, G.A.

Studying primary production in Gorkiy Reservoir by the use of  
 $C^{14}$ . Trudy Gidrobiol. ob-va 9:351-359 '59. (MIRA 12:9)

1. Institut biologii vodokhranilishch AN SSSR.  
(Gorkiy Reservoir--Photosynthesis)

SOKOLOVA, G.A.

Dynamics of the parasite fauna of the chaffinch (*Fringilla*  
*coelebs* L.). Vest.LGU 14 no.3:83-90 '59. (MIRA 12:5)  
(PARASITES--CHAFFINCHES)

KUZNETSOV, S.I.; SOKOLOVA, G.A.

Some data on the physiology of Thiobacillus thioparus. Mikrobiologiya  
29 no.2:170-176 Mar-Apr '60. (MIRA 14:7)

1. Institut mikrobiologii AN SSSR.  
(THIOBACILLUS)

SOKOLOVA, G.A.

Microbiological production of sulfur from waters associated with  
sulfur and petroleum deposits. Mikrobiologiya 29 no.6:888-893  
N-D '60.

(MIRA 14:1)

(OIL FIELD BRINES—BACTERIOLOGY)  
(THIOBACILLUS)

(SULFUR INDUSTRY)

SOKOLOVA, G.A.

Seasonal variations in the specific composition and abundance of iron bacteria and the iron cycle in Lake Glubokoye. Trudy Gidrobiol. ob-va 11:5-11 '61. (MIRA 15:1)

1. Institut mikrobiologii AN SSSR, Moskva.  
(Glubokoye, Lake--Iron bacteria)

SOKOLOVA, G. A.

Distribution of Thiobacillus thioparus in hydrogen sulfide  
underground waters. Mikrobiologiya 30 no.3:503-510 My-Je '61.  
(MIRA 15:7)

1. Institut mikrobiologii AN SSSR.

(KUTYBYSHEV PROVINCE—BACTERIA, SULFUR)  
(ORENBURG PROVINCE—BACTERIA, SULFUR)

SOKOLOVA, G.A.; KARAVAYKO, G.I.

Biogenic oxidation of sulfur of the Rozdol ore under laboratory conditions. Mikrobiologiya 31 no.6:984-989 N-D '62.

(MIRA 1643)

1. Institut mikrobiologii AN SSSR.  
(OXIDATION, PHYSIOLOGICAL) (BACTERIA, SULFUR)  
(ROZDOL REGION—IRON ORES)

STEPANOVA, Ye.I.; KOLPAKOVA, A.S.; SOKOLOVA, G.A.

Using the phage titer growth reaction for the check of disinfection effectiveness. Report No.1. Zhur. mikrobiol., epid. i immun. 33 no.12:107-112 D.'62 (MIRA 16:5)

1. Iz Tsentral'noy kontrol'no-issledovatel'skoy laboratorii Moskovskoy gorodskoy dezinfektsionnoy stantsii.  
(DYSENTERY) (BACTERIOPHAGE)



SOKOLOVA, Galina Alekseyevna; KARAVAYKO, Grigoriy Ivanovich;  
KUZNETSOV, S.I., otv. red.; RUBAN, Ye.L., red.

[Physiology and geochemical activity of thiobacteria]  
Fiziologiya i geokhimicheskaya deyatelnost' tiobakteriy  
bakterii. Moskva, Izd-vo "Nauka," 1964. 332 p.  
(MIRA 17:4)

1. Chlen-korrespondent AN SSSR (for Kuznetsov).

LYALIKOVA, N.N.; SOKOLOVA, G.A.

Microbiological characteristics of some ore deposits of central  
Kazakhstan. Mikrobiologiya 34 no.2:335-343 Mr-Apr '65.  
(MIRA 18:6)

1. Institut mikrobiologii AN SSSR.

I 25892-66 EWT(m)/EWP(w)/ETC(m)-6 IJP(c) WW/EM

ACC NR: AP6011331

SOURCE CODE: UR/0198/66/002/003/0027/0032

AUTHORS: Pastushikhin, V. N. (Moscow); Sokolova, G. A. (Moscow) 51

ORG: Moscow Structural Engineering Institute (Moskovskiy inzhenerno-stroitel'nyy institut) B

TITLE: Oscillation of a cylindrical panel made from nonlinear-elastic materials

SOURCE: Prikladnaya mekhanika, v. 2, no. 3, 1966, 27-32

TOPIC TAGS: elasticity, stress analysis, cylindric shell structure, nonlinear theory, variational method

ABSTRACT: The small oscillations of a cylindrical shell made from nonlinear-elastic material is analyzed. The stress-strain relationship is given by

$$\sigma_i = E e_i - m e_i^3$$

To calculate the small oscillations, expressions are derived for the kinetic and potential energies of the shell, and the equations for the panel displacements  $v$  and  $w$  are obtained from second order Lagrange equations. The solution is obtained using the Bubnov-Galerkin variational method. The loads on the structure are assumed to be both constant in magnitude as well as harmonic. A special example is considered where cylinder oscillations are obtained for both linear-elastic and

Card 1/2

L 25892-66

ACC NR: AP6011331

nonlinear-elastic materials. It is shown that for the nonlinear-elastic case it is necessary to include the effect of static loads on the structure. Orig. art. has: 24 equations and 2 figures.

SUB CODE: 13, 20/ SUBM DATE: 04 Jun 65/

ORIG REF: 003

Card 2/2

OLR

NEKRASOVA, V.A.; SHUYKIN, N.I.; SOKOLOVA, G.A.

Preparation of peptides. Izv. AN SSSR Ser. khim. no.12:2219-  
2220 D '64 (MIRA 18:1)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

SOKOLOVA, G.G.

Determination of hardwood in chips and woodpulp. Bum.prom. 36  
no.2:14-15 F '61. (MIRA 14:2)

1. Nachal'nik laboratorii tsellyuloznogo zavoda Mariyskogo kombinata.  
(Woodpulp)

L 5327-66 EWT(1)/EWT(m)/EPF(c)/T/EWP(t)/EWP(b)/ENA(c) IJP(c)  
JD/JG/GG

ACCESSION NR: AP5021108

UR/0056/65/049/002/0452/0455

AUTHORS: Sokolova, G. K.; Demchuk, K. M.; Rodionov, K. P.;  
Samokhvalov, A. A.

TITLE: Influence of uniform compression on the Curie temperature of  
the ferromagnetic compound EuO

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49,  
no. 2, 1965, 452-455

TOPIC TAGS: second order phase transition, europium compound, Curie  
point, ferromagnetism, crystal lattice structure

ABSTRACT: To investigate the effect of various factors on the ex-  
change interaction in solids, and especially the dependence of the  
exchange interaction on the lattice parameters, the authors inves-  
tigated the dependence of the Curie temperature of the compound EuO  
under uniform compression at pressures up to 12,000 atm. The method  
used to determine the ferromagnetic Curie temperature of the europium  
oxide was that of L. N. Tul'chinskiy (Zavodskaya laboratoriya no. 2,

Card 1/3

09011099

L 5327-66

ACCESSION NR: AP5021108

232, 1960), in which the sample is placed in one of two sections of a differential measuring coil and the Curie temperature is determined from the sharp discontinuity in the induced emf when the sample is cooled. The sample together with its measuring and magnetizing coils was placed in a high-pressure chamber, with quasi-hydrostatic high pressure applied at liquid nitrogen-temperature by the method of Ye. S. Itskevich (PTE no. 4, 148, 1963). The method of determining the Curie point from the measurements is described. The results show that in the range of pressures up to 12,000 atm the Curie temperature of EuO increases linearly with the pressure, at a rate of  $(4 \pm 1) \times 10^{-4}$  deg/atm. No permanent change in the Curie temperature was observed after the removal of the high pressure. The influence of the elastic stress on the ferromagnetic transition temperature is explained by means of the thermodynamic theory of second-order phase transitions. The dependence of the Curie temperature of EuO on changes in the lattice parameters are estimated from data on the compressibility of the paramagnetic phase of EuO at room temperature. The authors thank V. G. Bamburov and A. A. Ivakin for synthesizing

Card 2/3



L 5327-66

ACCESSION NR: AP5021108

the EuO samples, and G. A. Matveyev<sup>44,55</sup> for measuring the compressibility?  
Orig. art. has: 2 figures and 2 formulas.

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Institute  
of Metal Physics, Academy of Sciences, SSSR)<sup>44,55</sup>

SUBMITTED: 24Mar65

ENCL: 00

SUB CODE: SS

NR REF SOV: 007

OTHER: 005

Card

3/3 *md*

1. SOKOLOVA, G. N.
2. USSR (600)
4. Blood - Diseases
7. Thrombocytosis, Klin. med. 30 no. 8, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

SOKOLOVA, G. M.

Dissertation: "Data on the Study of Hypersplenism." Cand Med Sci, Central Inst  
for the Advanced Training of Physicians, 22 Jun 54. (Vechernyaya Moskva, Moscow,  
14 Jun 54)

SO: SUM 318, 23 Dec. 1954

PONOMAREV, L.Ye., kand. med. nauk; SOKOLOVA, G.M., kand. med. nauk

Acclimatization of man on drifting ice in the North Arctic ocean.  
Sov.med. 23 no.1:103-106 Ja '59. (MIRA 12:2)

1. Iz otdela polyarnoy meditsiny (nachal'nik B.I. Shvorin) Glavsevmorputi.

(CLIMATE

acclimatization of man on drifting ice in North Arctic  
ocean (Rus))

EGOROV, P. I.; SOKOLOVA, G. M.

"Vitamin B<sub>12</sub> and its significance in the pathogenesis and treatment of pernicious anemia" by IU. L. Milevskaia. Reviewed by P. I. Egorov, G. M. Sokolova. Terap. arkh. no.12:114-115 '61.  
(MIRA 15:2)

(MILEVSKAIA, IU. L.)  
(ANEMIA)  
(CYANOCOBALAMINE)

Vol. 1, p. 10.; ZAKHAROVA, G.M.

Chemotherapy of pulmonary cancer. Vop. onk. 11 no. 1:106-114 '65.

(MIA 18:7)

1. Katsara provedvicheskoy terapii (zav. - prof. Ye.M. Artem'yer) Moskovskogo meditsinskogo stomatologicheskogo instituta.

LUK'YANOVA, Ye.I.; SOKOL, V.I.; SOKOLOVA, G.N.

Solubility in the quaternary reciprocal system  $(2KCl + MgSO_4 \rightleftharpoons K_2SO_4 + MgCl_2) + H_2O$  at  $75^\circ$ . Zhur.neorg.khim. 1 no.2:298-307 1956.  
(MLRA 9:10)

1. Institut obshchey i neorganicheskoy khimii imeni  
N.S. Kurnakova.  
(Sulfates) (Chlorides)

GROMOV, V.A.; ZHULANVA, Z.I.; BOGUNTSEV, Ye.F.; SMOLIN, B.D.; SOROLOVA, G.N.

Changes in the composition of liver lipid fractions in animals  
exposed to radiation. Radiobiologiya 4 no.3:378-380 '64.  
(MIRA 17:11)



SOKOLOVA, G.N.

Phosphorite deposit of the Sechura Desert in the north-  
western part of Peru. Razved. i okh. nedr 31 no.7:62  
Jl '65. (MIRA 18:11)

1. Vsesoyuznyy geologicheskiiy fond.

FEDOROV, A.A.; SOKOLOVA, G.P.

Determination of aluminum (0.002 - 0.1 percent) in carbon and  
low alloy steels. Sbor. trud. TSNIICHM no.24:128-129 '62.  
(MIRA 15:6)  
(Steel--Analysis) (Aluminum--Analysis)

GETMANSKAYA, Z.M.; SEMENOVA, R.A.; SOKOLOVA, G.N.

Cortisone and ACTH therapy in periarteritis nodosa. Sov.med. 20 no.11:  
44-47 N '56. (MIRA 10:1)

1. Iz nervnogo otdeleniya 4-y gorodskoy klinicheskoy bol'nitsy  
(glavnyy vrach - zasluzhennyy vrach RSFSR M.V.Ivanyukov, nauchnyy  
rukovoditel' - prof. Z.L.Lur'ye) Moskvyy.

(PERIARTERITIS NODOSA, ther.

ACTH & cortisone)

(ACTH, ther. use

periarteritis nodosa, with cortisone)

(CORTISONE, ther. use

periarteritis nodosa, with ACTH)

CUFALO, Ye.Ye.; LEVINSON, L.B.; SAKHAROV, D.A.; SOKOLOVA, G.F.

Cytology of Marthner's nerve cells in larvae of the crested newt.  
Dokl. AN SSSR 141 no.6:1469-1472 D '61. (MIRA 14:12)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.  
Predstavleno akademikom Ye.N.Pavlovskim.  
(Nervous system--Amphibia) (Medulla oblongata) (Histochemistry)

USSR / Cultivated Plants. Commercial. Oil Bearing. M-5  
Sugar Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25139

Author : Sokolova, G.P.  
Inst : Leningrad Agricultural Institute  
Title : The Pre-Harvesting Treatment of Flax Seeds with  
Solutions of Micronutrients

Orig Pub: Zap. Leningr. s.-kh. in-ta, 1956, vyp. 11, 412-416

Abstract: To avoid the clustering and sticking together of flax seeds when treating them with micronutrient solutions before planting, it is suggested that finely ground phosphorus flour be used. The seeds are soaked from a sprinkler with a micronutrient solution in an amount of 10% of the weight of the seeds, they are carefully mixed and then dusted with phosphorus flour (2-2.5 kg. per 1 centners of seeds)

Card 1/2

114

sugar bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25139

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110011-3"

Abstract: by means of a gauze bag. The seeds may be sown without preliminary drying. The amount of micronutrient concentration may be raised, since the phosphorus flour absorbs some of them. Through adsorption the application of micronutrients is improved, as it extends to later phases of plant growth. The largest effect was gotten from the pre-sowing soaking of the seeds in a 0.2% solution of boric acid. By combining the pre-planting soaking and top-dressing during the budding stage with a 0.02% solution of boric acid, the effectiveness was even further increased. -- A.M. Smirnov

Card 2/2

SOKOLOVA, G. P., Cand Agr Sci -- (diss) "Effect of <sup>the</sup> pre-sowing  
treatment of seeds with copper sulfate and boron fertilizers  
upon the <sup>yield</sup> ~~harvest~~ of 'Dolgunets' flax." Len, 1957. 18 pp  
(Min Agr USSR, Len Agr Inst ), 100 copies (KL, 1958, 120)

- 80 -

S/076/62/036/004/005/012  
B101/B110

AUTHORS: Yefimov, Ye. A., Yerusalimchik, I. G., and Sokolova, G. P.  
(Moscow)

TITLE: Oxidation of germanium surface during chemical etching

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 4, 1962, 765-769

TEXT: A report is given on experiments for the purpose of studying, by means of charging curves, the oxidation of the surface of polycrystalline Ge, which was treated with various etching agents. The Ge contained a maximum of 0.01% impurities. The following substances were used as etching agents: (1) CP-4, consisting of 50 cm<sup>3</sup> HNO<sub>3</sub>, 30 cm<sup>3</sup> CH<sub>3</sub>COOH, 30 cm<sup>3</sup> HF, and 0.6 cm<sup>3</sup> Br<sub>2</sub>; (2) etching agent no. 5 of S. G. Ellis (J. Appl. Phys., 29, 1262, 1957); (3) etching agent no. 8 of Ellis; (4) 20 cm<sup>3</sup> H<sub>2</sub>O<sub>2</sub>, 1 mg KOH; (5) 20 cm<sup>3</sup> HF, 10 cm<sup>3</sup> HNO<sub>3</sub>, 5 cm<sup>3</sup> H<sub>2</sub>SO<sub>4</sub>, 50 cm<sup>3</sup> H<sub>2</sub>O, 1.5 g K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> and 1 g NaCl. The charging curves were plotted at 20°C in 0.1 N H<sub>2</sub>SO<sub>4</sub> and cathodic current density of 10<sup>-3</sup> a/cm<sup>2</sup> (Fig. 1). The stationary potentials

Card 1/3

S/076/62/036/004/005/012  
B101/B110

Oxidation of germanium surface ...

of the Ge electrode after etching for 15 sec were measured, and also the quantity of electricity (coulomb/cm<sup>2</sup>) required for removal of the oxygen bound to the Ge surface after etching the sample for 5, 10, 15, 30 or 60 sec. Results: (a) on the germanium surface, each of the etching agents formed oxide films of a structure and composition specific to the etching agent; (b) the most homogeneous film is formed by the H<sub>2</sub>O<sub>2</sub> etching agent no. 4; the charging curve of Ge treated with this etching agent shows a clearly horizontal course for  $\psi = -0.3$  v; (c) with the exception of the etching agent no. 4, the specific effect of all etching agents is lost after 1-4 hrs exposure to air. The quantity of electricity necessary for reducing the oxide film was  $4.3 \cdot 10^{-3}$  after 1 hr exposure to air;  $5.0 \cdot 10^{-3}$  after 2 hrs; and  $5.8 \cdot 10^{-3}$  coulomb/cm<sup>2</sup> after 4 hrs, from which the formation of GeO<sub>2</sub>, which is reduced at  $\psi \approx -0.2$  v, may be inferred, this being in good agreement with R. J. Archer (J. Electrochem. Soc., 104, 619, 1957). There are 4 figures and 1 table.

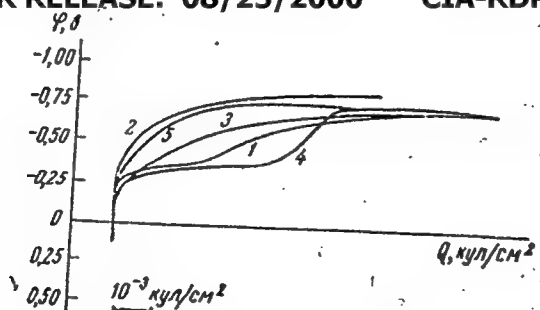
SUBMITTED: : June 30, 1960

Card 2/3

... after 15 sec etching. (1), (2), (3), (4)  
ordinate  $\psi$ , v; abscissa Q, coulomb/cm<sup>2</sup>.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652110011-3"



Card 3/3



37631

S/C76/62/036/005/006/013  
B101/B110

5.4750

AUTHORS: Yefimov, Ye. A., Yerusalimchik, I. G., and Sokolova, G. P.

TITLE: Electrochemical evolution of hydrogen on monocrystalline silicon in hydrofluoric acid solution

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 5, 1962, 1005 - 1009

TEXT: The authors studied the electrochemical reactions of p- and n-type Si in 2.5 N HF and measured (a) the  $H_2$  overvoltage at  $2.5 \cdot 10^{-6}$  -  $5 \cdot 10^{-2}$  a/cm<sup>2</sup> with preceding 1-hr cathodic polarization at  $I_c = 10^{-2}$  a/cm<sup>2</sup>; (b) the oscillograms for current insertion with Si as cathode; (c) the anodic charging curve at  $I_a = 5 \cdot 10^{-5}$  a/cm<sup>2</sup> with preceding cathodic polarization at various potentials. Results: (1) Slowly taken cathodic polarization curves  $\eta = f(\log I)$  are equal for n- and p-type at  $\eta > -0.7$  v and obey Tafel's equation, b. 0.17 v. With more negative  $\eta$  the potential rises quickly: for p-type Si at  $10^{-3}$  a/cm<sup>2</sup>, for n-type Si at  $10^{-2}$  a/cm<sup>2</sup>.  
Card 1/3

S/076/62/036/005/006/013  
B101/B110

Electrochemical evolution of...

(2) Oscilloscopic measurement of the potential by an ENO-1 (ENO-1) oscilloscope, synchronously connected with a sawtooth pulse generator, showed no change of the polarization curve for n-type Si, and an increase of the potential by 0.35 v for p-type Si. (3) The oscillograms for

current insertion are equal for both types at  $I_c = 10^{-4}$  a/cm<sup>2</sup>. At  $I_c = 10^{-3}$  a/cm<sup>2</sup>, the curve for p-type Si shows a distinct peak 2 v high.

(4) The anodic charging curves for Si polarized at -0.5 v show a retardation of the potential at  $I_c \geq 5 \cdot 10^{-5}$  a/cm<sup>2</sup>. This suggests the formation of a surface compound from Si and H at -0.5 v. Two processes are possible for H<sub>2</sub> evolution: (A)  $Si + e_{val}^- + H^+ \rightarrow SiH$ ;  $SiH + e^- + H^+ \rightarrow Si + H_2 \uparrow$ . The second reaction is much retarded for p-type Si. (B) Hydrogen forms dipoles with outward-directed negative poles on the Si surface. With n-type Si, the negative charge of the surface is compensated by the positive charge of the surface barrier, and further hydrogen adsorption is restricted. With p-type Si, the positive pole of the dipole is a hole. As p-type dipoles do not reach into the body of the semiconductor the formation of

Card 2/3

Electrochemical evolution of...

S/076/62/036/005/006/013  
B101/B110

further dipoles and further hydrogen adsorption is possible. There are  
4 figures.

SUBMITTED: July 27, 1960

Card 3/3

X

FEDOROV, A.A.; SOKOLOVA, G.P.

Determining aluminum (0.1 - 5 % in certain steels, alloys, and  
metals. Sbor.trud. TSNIICM no.31:162-169 '63. (MIRA 16:7)  
(Metals--Analysis) (Aluminum--Analysis)

FEDOROV, A.A.; SOKOLOVA, G.P.

Determining phosphorus in metal chromium, ferrochromium, and  
chromite ores. Sbor.trud. TSNIICHM no.31:175-179 '63. (MIRA 16:7)  
(Chromium--Analysis) (Iron-chromium alloys--Analysis)  
(Phosphorus--Analysis)

BELOUSOV, B.I.; SOKOLOVA, G.P., inzh.

How we are building semiautomatic block systems. Avtom., telem. i  
sviaz' 6 no.10:31-33 0 '62. (MIRA 16:5)

1. Nachal'nik tekhnicheskogo otdela sluzhby signalizatsii i svyazi  
Belorusskoy dorogi (for Belousov). 2. Tekhnicheskii otdel  
sluzhby signalizatsii i svyazi Belorusskoy dorogi (for Sokolova).  
(~~Railroads~~--Signaling--Block system)

BIRICH, T.V., professor; KANTOR, D.V., dotsent; TRUSEVICH, T.M.,  
assistant; SOKOLOVA, G., ordinator

Characteristics of present-day eye injuries in agriculture; their  
prevention and therapy. Vest. oft. 33 no.6:10-13 N-D '54. (MLRA 8:1)

1. Iz glaznoy kliniki Minskogo meditsinskogo instituta.  
    (EYE, wounds and injuries,  
      prev. & ther. in agricultural workers)  
    (WOUNDS AND INJURIES,  
      eye, prev. & ther. in agricultural workers)  
    (OCCUPATIONAL DISEASES,  
      eye inj. in agricultural workers, prev. & ther.)  
    (AGRICULTURE,  
      eye inj. in agricultural workers, prev. & ther.)

SOKOLOVA, G. P.

MA 6712. Influence of colour vision on the auditory analyser. G. P. Sokolova. *Vestn. Oto-rino-laringol.*, 1955, No. 5, 21--23; *Referat. Zh. Biol.*, 1956, Abstr. No. 92346. —Subjects without pathological affections of hearing or vision were investigated with tuning-forks in daylight, in complete darkness, and red, yellow, green, and blue light. The greatest amelioration of hearing of low notes was observed in blue light. A case of deterioration of hearing was also found. High notes gave the same results, but less markedly. After taking caffeine there was a marked improvement of hearing. Auditory acuity depends on the amount and quality of light falling on the eye, among other factors. Air conduction changed appreciably more than bone conduction. (Russian) T. R. PARSONS



SOKOLOVA, G.P.

Unusual trauma of the larynx. Vest.oto-rin 17 no.4:69 J1-Ag '55.  
(MLRA 8:10)

1. Iz kliniki bolezney ukha, gorla i nosa (zav.-prof. A. Kh.  
Min'kovskiy) Chelyabinskogo meditsinskogo instituta.

(LARYNX, wounds and injuries,  
unusual case)

(WOUNDS AND INJURIES,  
larynx, unusual case)

SOKOLOVA, G.P.

The effect of caffeine and bromine-coffee on the function of the vestibular analyser. Vest.otorin. 18 no.2:39-41 Mr-Apr '56. (MLRA 9:7)

1. Iz kliniki bolezney ucha, gorla i nosa (zav. kafedroy - prof. A.Kh. Min'kovskiy) Chelyabinskogo meditsinskogo instituta.

(CAFFEINE, eff.  
on vestibular analyser)

(BROMINE, eff.  
same)

(VESTIBULAR APPARATUS, eff. of drugs on  
bromide & caffeine, on analyser)

PROKHOROVA, M.I.; BRODSKAYA, N.I.; SOKOLOVA, G.P.

Intensity of aglycogen and glucose metabolism in the brain, and in the liver in anoxia [with summary in English]. Vop.med.khim. 3 no.4:279-284 J1-Ag '57. (MIRA 10:11)

1. Laboratoriya obmena veshchestv kafedry biokhimii Leningradskogo ordena Lenina gosudarstvennogo universiteta imeni A.A.Zhdanova.

(ANOXIA, effects,

on brain & liver glucose & glycogen metab. (Rus))

(BRAIN, metabolism,

glucose & glycogen, eff. of anoxia (Rus))

(LIVER, metabolism,

same)

(GLUCOSE, metabolism,

brain & liver, eff. of anoxia (Rus))

(GLYCOGEN, metabolism,

same)

SOKOLOVA, G.P.

Acetic acid metabolism in the organism and its role in brain  
lipid synthesis. Vest.LGU 14 no.21:128-135 '59.

(MIRA 12:10)

(ACETIC ACID) (LIPID METABOLISM) (BRAIN)

PROKHOROVA, M.I.; MATVEYEVA, I.M.; PUTILINA, F.Ye.; SOKOLOVA, G.P.

Rate of resotration of some plastic and energy-producing substances  
in the brain. Nerv. sist. no. 2:22-30 '60. (MIRA 14:4)  
(BRAIN)

SOKOLOVA, G.P.

Intensity of cholesterol synthesis in the brain of growing rats.

Nerv. sist. no. 2:37-43 '60. (MIRA 14:4)

(CHOLESTEROL METABOLISM) (BRAIN)

SOKOLOVA G.P., PROKHOROVA M.I., TARANOVA N.P. (USSR)

"Intensity of Metabolism of Lipid Fractions of the Brain"

Report presented at the 5th Int'l Biochemistry Congress,  
Moscow, 10-16 Aug. 1961

GOLOVANOV, Yu.N.; SOKOLOVA, G.P.

Clinical aspects and the pathomorphology of Ebstein's disease.  
Vrach.delo no.9:132-136 S '62. (MIRA 15:8)

1. II khirurgicheskoye otdeleniye (zav. - dotsent I.A.Medvedev) i  
patomorfologicheskaya laboratoriya (zav. - dotsent Yu.G.TSellarius)  
Instituta eksperimental'noy biologii i meditsiny Sibirskogo  
otdeleniya AN SSSR.

(HEART—ABNORMITIES AND DEFORMITIES)



YEFIMOV, Ye.A.; YERUSALIMCHIK, I.G.; SOKOL'NIK, G.P. (Moscow)

State of the surface of anodically polarized silicon in hydro-  
fluoric acid solutions. Zhur. fiz. khim. 36 no.6:1219-1221  
Je\*62 (MIRA 1737)

SOKOLOVA, G.P. —

Intensity of the metabolism of cholesterol and total lipids  
in the liver under normal conditions and during the action of some  
agents on the organism. Vest.LGU 18 no.3:121-126 '63.

(MIRA 16:2)  
(CHOLESTEROL METABOLISM) (LIPID METABOLISM) (LIVER)

TSELLARIU, Yu.G.; SOKOLOVA, G.P.; KPEKLEV, N.I.

Role of fibrin and the cellular elements of exudate on the  
formation of collagen fibers in aseptic inflammation. (Sov. Sib.  
otd. AN SSSR no.9:122-124 '62. (Mir 17:8)

2. Institut eksperimental'noy biologii i meditsiny Sibirskogo  
otdeleniya AN SSSR, Novosibirsk.

PROKHOROVA, M.I.; SOKOLOVA, G.P.

Effect of some substances on the biosynthesis of cholesterol  
and the total lipid fraction in the brain of growing rats. Nerv.  
sist (Leningrad) 2 no.3:5-11 '62. (MIRA 17:7)

1. Laboratoriya obmena veshchestv Fiziologicheskogo instituta  
imeni Ukhomskogo Leningradskogo gosudarstvennogo universiteta.

1. The first part of the document, titled "Introduction", discusses the

importance of the information contained in the document and the need for its

(X) (U) (S) (C)

IVIZHAKOV, A.A., prof.; TOLSKAYA, M.S., doctor med. nauk; GOLUVINAYA, G.V.,  
prof. SOKOLAYA, G.P.

Histological study of changes in the lungs during experimental  
allergies. Bulletin of the USSR Academy of Sciences (MIRA 1984)

Institute of hygiene and occupational diseases of the USSR Academy of Sciences  
Moscow.

YEFIMOV, Ye.A., YERGENALIMCHIK, I.G., SOKOLOVA, G.P. (Moskva)

Electrochemical behavior of the silicon electrode in solutions  
of oxidation agents. Zhur. fiz. khim. 33 no.9:2172-2175 S 1964.  
(MIRA 17.12)

ARBUZOV, Nikolay Terent'yevich, kand. tekhn. nauk; MANDRIKOV,  
Aleksandr Pavlovich, kand. tekhn. nauk; SOKOLOVA, G.S.,  
red.; SHESHNEVA, E.A., tekhn. red.

[Using precast reinforced concrete in rural construction]  
Primenenie sbornogo zhelezobetona v sel'skom stroitel'stve.  
Moskva, Izd-vo M-va sel'skogo khoz.RSFSR, 1962. 116 p.  
(MIRA 17:3)



DYSHLER, B.N.; DENISOVA, A.A.; YEGOROVA, S.I.; SOKOLOVA, G.S., red.;  
LEVINA, L.G., tekhn. red.

[Collection V-58-2 (consolidated norms and estimates) Rural  
construction and assembly work) Sbornik V-58-2 (ukrupnennye nor-  
my i mestnosti. Moskva, No.2. [Walls of residential buildings]  
Steny zhilykh zdaniy. 1961. 25 p. (MIRA 16:2)

1. Russia (1917- R.S.F.S.R.) Ministerstvo sel'skogo khozyaystva.  
(Walls)

TELKOV, N. A. (Novosibirsk, ul. Stanislavskogo, d. 6, kv. 7);  
ZUBAREVA, N. S.; SOKOLOVA, G. S.

Autoplasty of the femoral artery with a venous transplant in  
gunshot injuries. Vest. khir. no.12:85-86 '61. (MIRA 15:2)

1. Iz travmatologicheskogo otdeleniya 9-y Novosibirskoy klini-  
cheskoy bol'nitsy.

(FEMORAL ARTERY—SURGERY)  
(VEINS—TRANSPLANTATION)  
(GUNSHOT WOUNDS)

SOKOLOVA, G.S.

Trace-conditioned blinking reflexes in healthy persons and neurotics.  
Trudy Inst. fiziol. 7:239-249 '58. (MIRA 12:3)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti  
(zav. - F.P. Mayorov) Instituta fiziologii im. I.P. Pavlova AN SSSR.  
(NEUROSES) (CONDITIONED RESPONSE)

SOKOLOVA, G.S.

Trace conditioned winking reflexes in patients with neuroses during the presence of depressive syndrome. Zhur.vys.nerv.deiat. 11  
no.3:422-424 My-Je '61. (MIRA 14:7)

1. Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences,  
Leningrad.

(CONDITIONED RESPONSE) (DEPRESSION, MENTAL)

SOKOLOVA, G.S.

Treace conditioned reflexes in neurotics with a phobic syndrome.  
Trudy Inst. fiziol. 10:105-113 '62 (MIRA 17:3)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'-  
nosti (zav. - F.P.Mayorov) Instituta fiziologii imeni Pavlova  
in SSSR.

VOLKOV, V.A.; FEDOROVSKIY, N.P., kand.biolog.nauk; PENIONZHKEVICH, E.E.,  
prof., doktor biolog.nauk; MASLIYEV, I.T., kand.sel'skokhoz.nauk;  
KRIKUN, A.A., kand.sel'skokhoz.nauk; PATRIK, I.A., kand.sel'skokhoz.  
nauk; MALINOVSKAYA, A.S., kand.biolog.nauk; DAKHNOVSKIY, N.V.,  
kand.biolog.nauk; ORLOV, M.V., kand.sel'skokhoz.nauk; REDIKH, V.K.,  
kand.sel'skokhoz.nauk; GOFMAN, M.B., zootekhnik; GRIGOR'YEV, G.K.,  
starshiy nauchnyy sotrudnik; GORIZONTOVA, Ye.A., starshiy nauchnyy  
sotrudnik; FEOKTISTOV, P.I., kand.veter.nauk; KOFEL'NIKOV, G.A.,  
kand.veterin.nauk; SHKUDOVA, R.I., red.; BALAKIN, V.M., red.;  
GRADUSOV, Yu.N., red.; SOKOLOVA, G.S., red.; SAYTANIDI, L.D.,  
tekhn.red.

[Duck raising] Utkovodstvo. Izd-vo M-va sel'khoz. R.S.F.S.R.,  
1959. 284 p. (MIRA 13:12)

1. Nachal'nik Glavnogo upravleniya ptitsevodstva Ministerstva  
sel'skogo khozyaystva RSFSR (for Volkov). 2. Vsesoyuznyy nauchno-  
issledovatel'skiy institut ptitsepromyshlennosti (for Grigor'yev).
  3. Tsentral'nyy nauchno-issledovatel'skiy institut ptitseperera-  
batyvyayushchey promyshlennosti (for Gorizontova).
- (Ducks)

SOKOLOVA, G.S., red.; SAYTANIDI, L.D., tekhn.red.

[Selfless labor of a pig raiser and machinery operator]  
Samootverzhennyi trud svinaria-mekhanizatora. Moskva, Izd-vo  
M-vn sel'.khoz.RSFSR, 1960. 9 p. (MIRA 14:4)  
(Swine) (Farm mechanization)

SOKOLOVA, G.S., red.; LEVINA, L.G., tekhn.red.

[Recommendations for increasing the production of rabbit meat  
and improving the quality of fur] Rekomendatsii po uvelicheniiu  
proizvodstva miassa krolikov i uluchsheniiu kachestva shkurok.  
Moskva, Izd-vo M-vs sel'.khoz.RSFSR, 1960. 14 p.

(MIRA 13:11)

(Rabbits)



KEYSERUKHSKIY, M. G.; SOKOLOVA, G. S., mladshiy nauchnyy sotrudnik

Elimination of focuses of the Colorado beetle. Zashch. rast.  
ot vred. i bol. 5 no.6:48 Je '60. (MIRA 16:1)

1. Zaveduyushchiy Kaliningradskim opornym punktom Vsesoyuznogo  
instituta zashchity rasteniy (for Keyserukhskiy).

(Potato beetle—Extermination)

NOSKOV, Arseniy Ivanovich, kand. veter.nauk; RYABOVA, Galina  
Semenovna, kand.veter.nauk; SOKOLOVA, G.S., red.;  
SAYTANIDI, L.D., tekhn. red.

[Control of ringworm in farm animals] Bor'ba so strigu-  
shchim lishaem sel'skokhoziaistvennykh zhivotnykh. Moskva,  
Izd-vo M-va sel'.khoz.RSFSR, 1961. 58 p. (MIRA 15:7)  
(Cattle--Diseases and pests) (Ringworm)

TARANOV, G.F., kand.biol.nauk; ZAYTSEV, G.F., doktor med. nauk;  
FOBYADIN, V.T., doktor med. nauk; PERTSULENKO, V.A., kand.  
med. nauk; LEVEROVA, N.V.; VINOGRADOVA, T.V., doktor bil. nauk;  
KOSTOGLODOV, V.F.; KIVALINA, V.N., kand. biol. nauk; SOKOLOVA,  
G.S., red.; SAYTANIDI, L.D., tekhn. red.

[The bee and human health]Pchela i zdorov'e cheloveka. Mo-  
skva, Izd-vo M-va sel'khoz. RSFSR, 1962. 190 p.

(MIRA 15:10)

(BEES) (MATERIA MEDICA, ANIMAL)

KUMSIYEV, Shalva Alekseyevich, prof., doktor veter. nauk; SOKOLOVA,  
—G.S., red.; FEDOTOV. V.G., red.; SAYTANIDI, L.D., tekhn.  
red.

[Diagnosis and treatment of diseases of the digestive organs  
in animals] O diagnostike i terapii zhivotnykh s zabolevani-  
iami organov pishchevarenia. Moskva, Izd-vo M-va sel'skogo  
khoziaistva RSFSR, 1962. 95 p. (MIRA 16:3)  
(Digestive organs--Diseases)  
(Veterinary medicine)